Sharkoon

BANDIT

MANUAL

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Dear customer!

Congratulations for purchasing one premium quality SHARKOON product.
For a long life time and to take full advantage of this product we recommend that you read this manual completely.

Have a good time with our product!
SHARKOON Technologies

1. Features

- ATX case
- 5x 5.25" drive bays (external)
- 3x 3.5" drive bays (internal)
- Top I/O with 2x USB2.0, 1x eSATA, 1x headphone and 1x microphone connector, power and reset button as well as LEDs for power and HDD activity
- Installed SATA docking station in case top (for 2.5" and 3.5" HDDs)
- Pre-installed card reader with USB2.0 connector (supported card formats: SD/SDHC, MS, MMC, CF)
- 7 slots for add-on cards
- Mesh front panel for optimized cooling
- Quick fasteners for optical drives
- Dimensions: 485 x 485 x 200 mm (L x H x W)
- Weight: ~ 6.6 kg

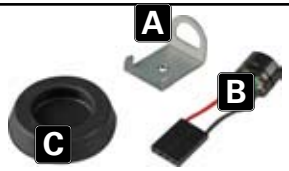
2. Fan configuration

Case front	1x 120mm LED fan with 3-pin and 4-pin connector (pre-installed)
Side panel	2x 140mm or 2x 120mm fans (optional)
Back side of case	1x 120mm or 1x 80mm fan (optional)
Top panel	1x 180mm LED fan (pre-installed)

3. Package contents

- ATX-case "Bandit" (1x 120mm LED fan in the case front, 1x 180mm LED fan in the top panel and card reader pre-installed)
- Accessory kit:

Stand-offs for mainboard	Screws for drive/ mainboard mounting	Screws for HDD/ PSU mounting	Screws with coarse thread

		
Thumb screws (pre-installed)	Quick fasteners for optical drives (pre-installed)	Lock attachment (A), speaker (B) and plastic case feet (black, self-adhesive / C)
Mounting frame for 3.5" devices	5.25" bezel with opening for 3.5" devices	

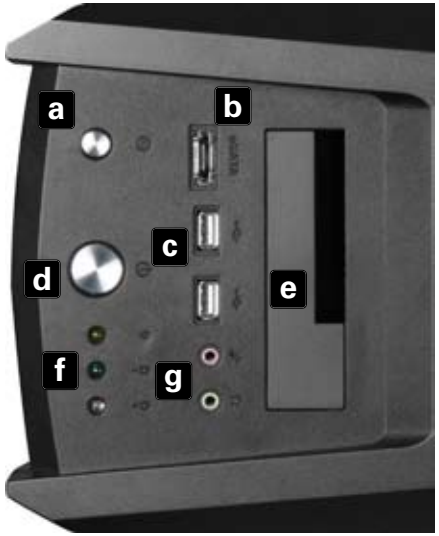
Note:
If you are missing any of the items listed above, please contact customer service via e-mail at support@sharkoon.com or call + 49 (0) 6403 – 775 6100.

4. The case at a glance

Front view

A – Pre-installed card reader
B – 5.25" mounting bays
C – behind the front bezel:
pre-installed 120mm LED fan

View from above



A – Top I/O
a – Reset button
b – 1x eSATA connector and
c – 2x USB2.0 connectors
d – Power button
e – SATA docking station
f – LEDs
g – 1x headphone and microphone connector

B – Pre-installed
180mm LED fan

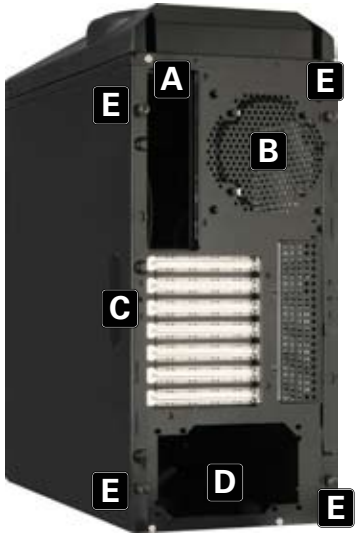
Side view (closed/left)

A – Fan brackets
(120 mm and 140 mm)

Side view (opened/left)

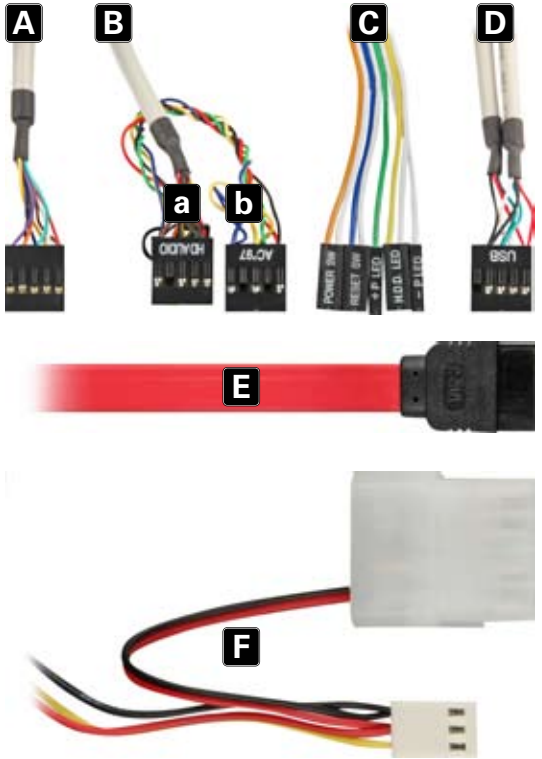
A – Mounting bays for 5.25" devices
B – Mainboard mounting panel
C – Installation opening for CPU coolers
D – Quick fasteners for ODDs
E – Removable HDD cage

Back side view



A – Opening for I/O shield
B – Fan bracket for 80mm or 120mm fan
C – Slot bezels
D – PSU bracket
E – Thumb screws

The internal cables and connectors



A – Card reader USB connector
B – Audio connectors for:
  a – HD Audio
  b – AC'97
C – Connectors for (f.l.t.r):
  Power Switch
  Reset Switch
  Power LED +
  HDD LED
  Power LED –
D – USB connector of the USB front hub
E – eSATA connector
F – 3-pin and 4-pin fan connector

Note:
For more information on how to install the intended devices, refer to their respective documents.

5. Installation of a mainboard

1. Open the case by loosening the thumb screws on the case's back side and removing the left side panel. Lay down the case sidewise on an even surface.

2. The mainboard's mounting panel inside the case provides various drillings to fix the stand-offs (fig. 1).

fig. 1

The mainboard contains special screw openings (fig. 2).

fig. 2

Place the mainboard to the mounting panel. A stand-off must be screwed into every drilling of the mounting panel visible through the mainboard's screw openings.

3. Remove the mainboard and screw the stand-offs into the respective drillings of the mounting panel (fig. 3).

(Stand-offs)

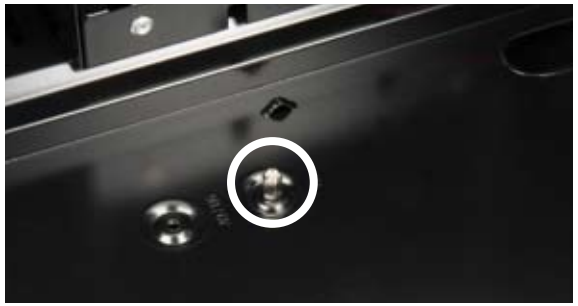


fig. 3

4. Press the I/O shield (delivered with the mainboard) into the I/O shield opening in the case's back side.

5. Place the mainboard back onto the stand-offs and screw the mainboard to them (fig. 4).

(Screws for mainboard mounting)

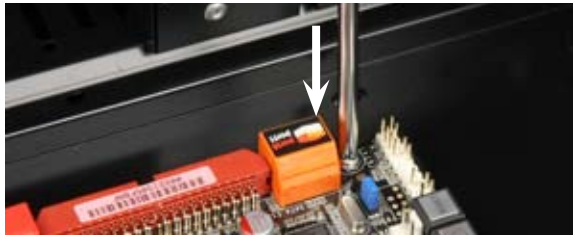


fig. 4

6. Plug the connectors of the case's front bezel to the respective connectors of the mainboard (also refer to your mainboard's manual for further information).

   Note:
   The eSATA cable connected to the front eSATA connection should not exceed 50 cm of length otherwise transmission errors may occur! With premium quality eSATA cables this maximum length may be exceeded.

6. Installation of a PSU

1. Set up the case in front of you and put the PSU from the inside against the PSU bracket on the case's back side (fig. 5).

fig. 5

2. Screw the PSU to the case from the outside (fig. 6).

(Screws for PSU mounting)

fig. 6

7. Installation of a HDD

1. Remove the case's right side panel.
2. Remove the front bezel's fixation screws on both sides (fig. 7).

fig. 7

3. Remove the case's front panel by gently dragging it towards you (fig. 8).

fig. 8

4. Loosen the attachment screws of the HDD cage (fig. 9).

fig. 9

5. Drag the HDD cage to the front and out of the case (fig. 10).

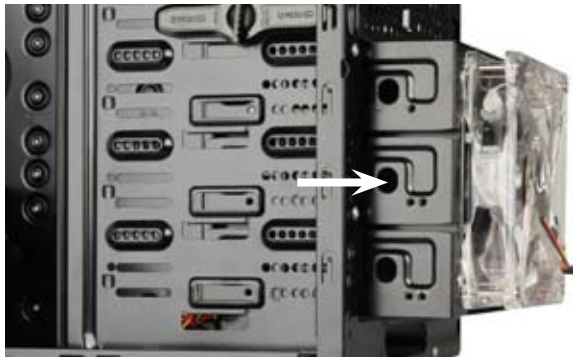


fig. 10

6. Slide the HDD into a mounting bay of the HDD cage and fixate it from both sides (fig. 11).

(Screws for HDD mounting)

fig. 11

7. Slide the HDD cage back into the case and screw it from both sides (fig. 12 and 13).

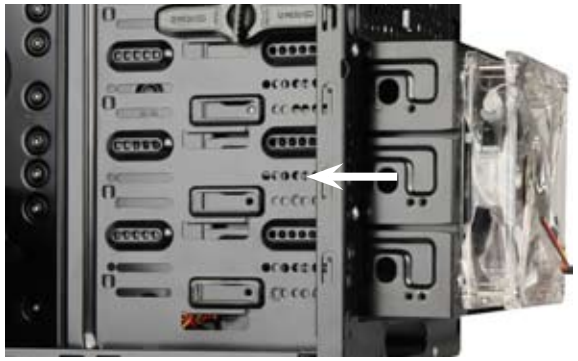


fig. 12

fig. 13

8. Connect the HDD to the power supply and the mainboard.

8. Installation of an optical device

(1. Remove the case's front panel by gently dragging it towards you (fig. 14).)

fig. 14

2. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 15). Remove the quick fasteners (fig. 16).

fig. 15

fig. 16

(Carefully take out an optionally present metal bezel covering the 3.5" drive bay by using a gripper.)

3. Slide the optical drive into the case's drive bay (fig. 17).

fig. 17

4. Attach the optical device from both sides using the quick fasteners (fig. 18).

fig. 18

Note:
If you intend to transport the case we recommend securing (additionally) the installed drives:

(Screws for 5.25" drive mounting)

5. Connect the optical drive to the power supply and the mainboard.
(Put the front bezel back onto the case.)

9. Installation of an additional 3.5" device

(1. Remove the case's front panel by gently dragging it towards you (fig. 19.)

fig. 19

2. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 20). Remove the quick fasteners (fig. 21).

fig. 20

fig. 21

(Carefully take out an optionally present metal bezel covering the drive bay by using a gripper.)

3. Place the 3.5" device into the mounting frame for 3.5" devices and screw it to the mounting frame from both sides (fig. 22).

(Mounting frame for 3.5" devices)

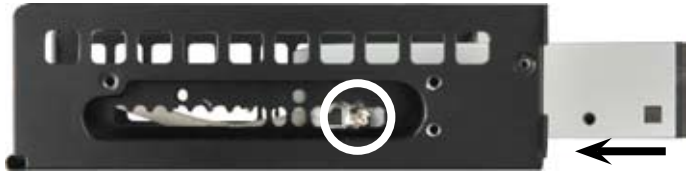


fig. 22

4. Slide the mounting frame with installed 3.5" device into the case's drive bay (fig. 23) and attach it to the drive bay from both sides using the quick fasteners for ODDs (fig. 24).

fig. 23

fig. 24

Note:
If you intend to transport the case we recommend securing (additionally) the installed drives.

5. Connect the 3.5" device to the power supply and the mainboard.

6. Screw the 5.25" bezel with 3.5" opening into the front panel and place it back onto the case.

(5.25" bezel with 3.5" opening)

10. Installation of an add-on card

1. Press the slot bezel out of its attachment (fig. 25).

fig. 25

2. Insert the add-on card into the mainboard's respective slot and screw it to the case (fig. 26).

(Screw with coarse thread)

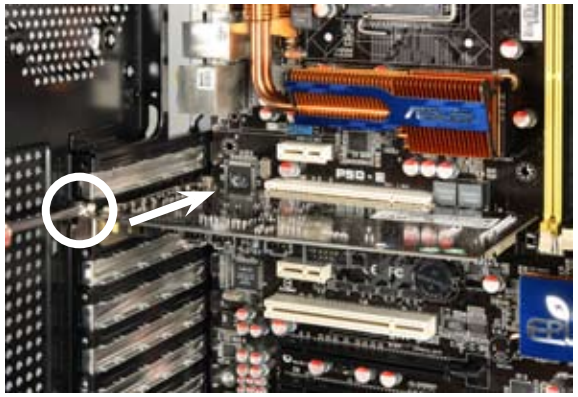


fig. 26

11. The pre-installed fans

1. The pre-installed case fans provide a 4-pin PSU connector and a 3-pin mainboard plug each.
2. Connect one of both plugs to either the respective PSU or (to control the fan speed via the mainboard) the matching mainboard connector.

12. Installation of additional fans / optimized airflow

1. Place the fan against the respective bracket from the inside (e.g. the back side / fig. 27).

fig. 27

2. Screw the fan to the attachment from the outside (fig. 28).

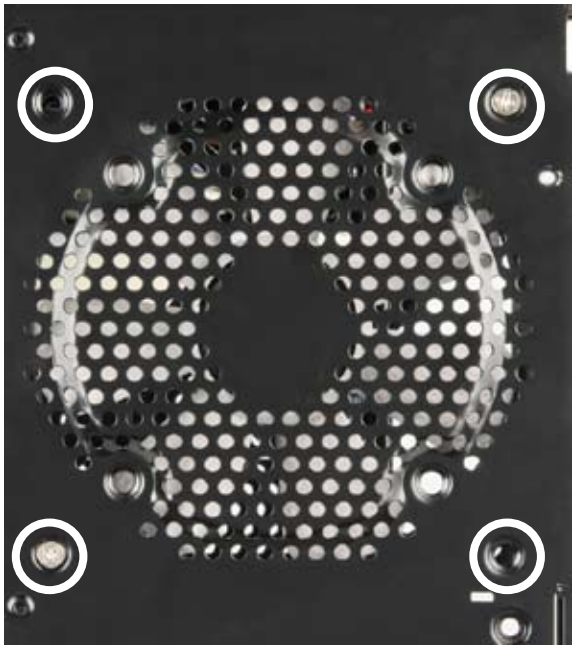


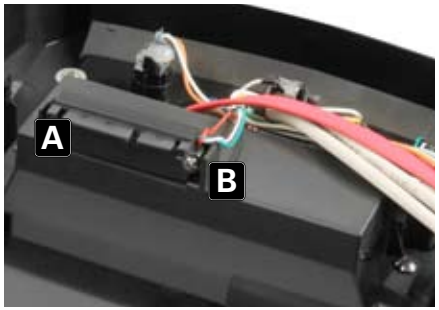
fig. 28

3. Connect the fan's power plug to the PSU or the mainboard.

Note:
While installing fans make sure that (cool) air is taken in on the case's front side/bottom and blown out on its back side/top. The PC components with the highest heat development should be placed directly within the airflow.

13. The docking station for SATA HDDs in the case's top panel

1. Connect the docking station's internal SATA plugs to the respective connectors of the mainboard and the power supply (fig. 29).



A – SATA power connector (15-pin)
B – SATA data connector (7-pin)

fig. 29

2. Insert either a 2.5" or a 3.5" SATA HDD into the SATA docking station (fig. 30 and fig. 31).

fig. 30

fig. 31

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Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
Please be informed about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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